## BIRCH, STEWART, KOLASCH & BUCH, LLP

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(Status --- patented, pending, abandoned)

## PLEASE TOTES TOURIST TO THE FOLLOWING:

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| Insert Title: ->                               | GENE ENCODING PROTEIN  | FROM MEROZOITE OF  | BABESIA CABALLI, RECOM   | BINANT   |  |
|--|--|--|--|--|--|
|  | PROTEIN OBTAINED WITH  | SAID GENE AND USE  | THEREOF  |  |  |
| For Use  | the specification of which is attached<br>the specification was fi<br>United States Applicat<br>and amended on   |  |  | as ;   |  |
| Charter E                                      | the specification was filed  | on August 13, 19   | 999  | as PCT   |  |
| 1AN 2 5 2002 L                                 | International Application  | Number PCT/JP99/0  | )4386<br>(if   | ; and was applicable)  |  |
| JAN 2 5 2002 W                                 | I hereby state that I have revie amended by any amendment referre  |  | of the above identified specification, i   | ncluding the claims, as  |  |
| PAULESUNCH                                     | I acknowledge the duty to disclo §1.56.  | se information which is material to  | patentability as defined in Title 37, Code   | of Federal Regulations,  |  |
| RECEIV  MAY 0 3 20  CH CENTER 160              | thereof, or patented or described in a to this application, that the same w application, that the invention has application in any country foreign to more than twelve months (six month this invention has been filed in any co or assigns, except as follows.  | ny printed publication in any count<br>as not in public use or on sale in<br>not been patented or made the subthe United States of America on<br>its for designs) prior to this applica<br>untry foreign to the United States of | sed in the United States of America before by before my or our invention thereof or a the United States of America more that be to a fact the United States of America more that be to a fact the United States of America issued an application filed by me or my legal retion, and that no application for patent or America prior to this application by me or tes Code, §119 (a)-(d) of any foreign application by the code, §119 (a)-(d) of any foreign application by the code is the code in the code is the code in the code in the code is the code in th | more than one year prior<br>n one year prior to this<br>before the date of this<br>presentatives or assigns<br>inventor's certificate on<br>my legal representatives |  |
|  |  | nd have also identified below any  | foreign application for patent or invent   |  |  |
| Insert Priority                                | Prior Foreign Application  | (s)  |  | Priority Claimed   |  |
| Information: → (if appropriate)                | (Number)   | (Country)  | (Month / Day / Year Filed)   | Yes No   |  |
|  | (Number)   | (Country)  | (Month / Day / Year Filed)   | Yes No   |  |
|  | (Number)   | (Country)  | (Month / Day / Year Filed)   | Yes No   |  |
|  | (Number)   | (Country)  | (Month / Day / Year Filed)   | Yes No   |  |
| Insert Provisional Application(s): →           | I hereby claim the benefit under Titl  |  | of any United States provisional applica   |  |  |
| (if any)                                       |  | (Application Number)   |  | (Filing Date)  |  |
|  | All Foreign Applications, if any, for Filing Date of This Application:   | (Application Number) any Patent or Inventor's Certificat   | e Filed More than 12 Months (6 Months  | (Filing Date)<br>for Designs) Prior to the   |  |
| Insert Requested Information: (if appropriate) | Country  | Application  | Number Date of Filin   | ng (Month / Day / Year)  |  |
|  | I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: |  |  |  |  |
| Insert Prior U.S. Application(s):              | ·  |  |  |  |  |

(Filing Date)

(Application Number)

I hereby appoint the powing attorneys to prosecute this application and/or an i tional application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

Full Name of First or Sole Inventor: Insent Name of Inventor of Inventor Date This Document is Signed Insent Residence Insent Citizenship

Full Name of Third

Full Name of Fourth Inventor, if any

Full Name of Fifth Inventor, if any see above Send Correspondence to: BIRCH, STEWART, KOLASCH & BIRCH, LLP

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  | ·                           | · · · · · · · · · · · · · · · · · · · |               |
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Page 2 of 2 (Revised 11-98)

| Full Name of Sixth<br>Inventor, if any |   |
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| scc X                                  | ŀ |
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Full Name of Seventh Inventor, if any see above



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